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+Admitted only in Virginia
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OIPE JC79
MAY 31 2002
PATENT & TRADEMARK OFFICE

May 31, 2002

*WRITER'S DIRECT NUMBER:*
(202) 371-2628
*INTERNET ADDRESS:*
KPATTERS@SKGF.COM

Commissioner for Patents
Washington, D.C. 20231

***Box Missing Parts***

Re: U.S. Utility Patent Application
Appl. No. 10/066,807; Filed: February 6, 2002
For: **Solid-State Organic Maser**
Inventor: Philip S. Callahan
Our Ref: 0591.0150001

Sir:

In reply to the "Notice to File Missing Parts of Application--Filing Date Granted," dated April 4, 2002, Applicant submits the following documents for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Fee Transmittal Form PTO/SB/17;

2. Copy of the Notice to File Missing Parts;

3. Original Declaration, executed by the inventor;

4. Our Check No. 35342 for $1086.00 to cover:
$740.00 Filing Fee for Patent Application (37 C.F.R. § 1.16)
$216.00 Fee for excess claims (37 C.F.R. § 1.16)
$130.00 Surcharge for late filing of Declaration (37 C.F.R. § 1.16); and

5. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. If extensions of time under 37 C.F.R. § 1.136 other than those otherwise provided for herewith are required to prevent abandonment of the present patent application, then such extensions of time are hereby petitioned, and any fees therefor are hereby authorized to be charged to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Kendrick P. Patterson
Attorney for Applicant
Registration No. 45,321

KPP/dnk
Enclosures

SKGF_DC1:18544.1

MAY 31 2002
PATENT & TRADEMARK OFFICE

UNITED STATES PATENT AND TRADEMARK OFFICE

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WASHINGTON, D.C. 20231
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|---|---|---|---|
| 10/066,807 | 02/06/2002 | Philip S. Callahan | 0591.0150001 |

**CONFIRMATION NO. 4457**

26111
STERNE, KESSLER, GOLDSTEIN & FOX PLLC
1100 NEW YORK AVENUE, N.W., SUITE 600
WASHINGTON, DC 20005-3934

**FORMALITIES LETTER**

*OC000000007796451*

Date Mailed: 04/04/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

### FILED UNDER 37 CFR 1.53(b)

***Filing Date Granted***

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
  *Applicant must submit $* **740** *to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- Total additional claim fee(s) for this application is $216.
  - **$216** for **12** total claims over 20.
- The oath or declaration is missing.
  *A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of $130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is $ 1086.**

---

***A copy of this notice MUST be returned with the reply.***

selam

Customer Service Center
Initial Patent Examination Division (703) 308-1202
PART 2 - COPY TO BE RETURNED WITH RESPONSE

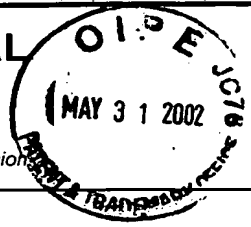
06/03/2002 TBESHAH1 00000033 10066807

| | |
|---|---|
| 01 FC:101 | 740.00 OP |
| 02 FC:103 | 216.00 OP |
| 03 FC:105 | 130.00 OP |

PTO/SB/17 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2002

*Patent fees are subject to annual revision.*




| TOTAL AMOUNT OF PAYMENT | ($)1086.00 |
|---|---|

| Complete if Known | |
|---|---|
| Application Number | 10/066,807 |
| Filing Date | February 6, 2002 |
| First Named Inventor | Philip S. Callahan |
| Examiner Name | To be assigned |
| Group Art Unit | 2881 |
| Attorney Docket No. | 0591.0150001 |

## METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

| Deposit Account Number | 19-0036 |
|---|---|
| Deposit Account Name | Sterne, Kessler, Goldstein & Fox P.L.L.C. |

☐ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

☐ Applicant claims small entity status See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☒ Other*

*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Fee Code | Large Entity Fee ($) | Small Fee Code | Small Entity Fee ($) | Fee Description | Fee Paid |
|---|---|---|---|---|---|
| 101 | 740 | 201 | 370 | Utility filing fee | 740.00 |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |

SUBTOTAL (1) ($) 740.00

### 2. EXTRA CLAIM FEES

| | Extra | Fee from below | Fee Paid |
|---|---|---|---|
| Total Claims 32 - 20** = | 12 | X 18 = | 216.00 |
| Indep. Claims 2 - 3** = | 0 | X 84 = | 00.00 |
| Multiple Dependent | 0 | = | 0 |

| Large Fee Code | Large Entity Fee ($) | Small Fee Code | Small Entity Fee ($) | Fee Description |
|---|---|---|---|---|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim |
| 108 | 84 | 209 | 42 | **Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) ($) 216.00

** or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Fee Code | Large Entity Fee ($) | Small Fee Code | Small Entity Fee ($) | Fee Description | Fee paid |
|---|---|---|---|---|---|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | 130.00 |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for *ex parte* reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 130 | 123 | 130 | Petitions related to provisional applications | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 481 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |
| Other fee (specify) : | | | | | |
| Other fee (specify) : | | | | | |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) ($) 130.00

| SUBMITTED BY | | | | Complete (if applicable) | |
|---|---|---|---|---|---|
| Name (Print/Type) | Kendrick P. Patterson | Registration No. (Attorney/Agent) | 45,321 | Telephone | 202-371-2600 |
| Signature | | | | Date | May 31, 2002 |

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**